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Methanogenic bacteria; Mushroom compost; Thermophile (Derikx, P.J.L. (62) 251)

Methanogenic bacteria
Methanobacterium; Mushroom compost; Thermophile (Derikx, P.J.L. (62) 251)

Methanogenic environments
Enrichment and isolation; Cardinal temperatures; H_2 turnover rate constants; Chloroform inhibition (Conrad, R. (62) 285)

Methanogenic substrate
Methane; Sulfate; Salinity; Methane oxidation; Microbial mats (Giani, D. (62) 143)

Methanol
Methanotroph; *Methylobacillus; Pseudomonas*; Hydroxylamine; Nitrite; Nitrate (Megraw, S.R. (62) 367)

Methanotroph
Nitrification; Ammonium oxidation; Hydroxylamine; Nitrite (Megraw, S.R. (62) 359)

Methylobacillus; Pseudomonas; Methanol; Hydroxylamine; Nitrite; Nitrate (Megraw, S.R. (62) 367)

Methylobacillus
Methanotroph; Pseudomonas; Methanol; Hydroxylamine; Nitrite; Nitrate (Megraw, S.R. (62) 367)

Methylotrophic bacteria
Trifolium repens; Leaf heterotroph (Corpe, W.A. (62) 243)

Microautoradiography
Oscillatoria rubescens; Cyanobacteria; Amino acid incorporation (Bourdier, G. (62) 185)

Microbial communities
Sediment composition; Ionic composition; Gypsum precipitation; Influence of light; *Chloroflexus* (Giani, D. (62) 151)

Microbial competition
Denitrification; Nitrate ammonification; Chemostat (Rehr, B. (62) 51)

Microbial growth
Acclimation; Aquatic toxicity; Energy charge; Adenylate; Chlorophyll *a* (Auclair, J.C. (62) 137)

Microbial mats
Methane; Sulfate; Salinity; Methanogenic substrate; Methane oxidation (Giani, D. (62) 143)

Microcolonies
Purple sulfur bacteria; Aggregate formation; Recolonization (Van Gemerden, H. (62) 111)

Microscale distribution
Phototrophic bacteria; Pigment; Transmissometry; Fluorescence, in situ; Spectroradiometry; High-performance liquid chromatography (Steenbergen, C.L.M. (62) 209)

Mixed culture
Coexistence; *Actinomyces viscosus; Streptococcus mutans*; Oxygen consumption; Mathematical model (Van der Hoeven, H.S. (62) 275)

Mixed cultures
Chitin; Cross-feeding; Thioredoxin; Folic acid; Endproduct inhibition (Pel, R. (62) 191)

Mortality
Protozoa; *Carchesium*; *Epistylis*; *Chaetogaster*; *Eosphora* (Kusuoka, Y. (62) 7)

Mushroom compost
Methanobacterium; Methanogenic bacteria; Thermophile (Derikx, P.J.L. (62) 251)

Nanoflagellates grazing
^{3}H-Thymidine labeling; Bacteriophage-induced mortality (Servais, P. (62) 119)

Nematophagous fungi
Egg parasites; *Verticillium*; Chitinase; Protease; Physiological disorder; Cryosection (Dackman, C. (62) 201)

Nickel resistance
Resistance plasmid; Heavy metal resistance; Cobalt (Schmidt, T. (62) 315)

Nitrate
Methanotroph; *Methylobacillus; Pseudomonas*; Methanol; Hydroxylamine; Nitrite (Megraw, S.R. (62) 367)

Nitrate ammonification
Denitrification; Microbial competition; Chemostat (Rehr, B. (62) 51)

Nitrate-reducing bacteria
Nitrogen cycling in minesoils; Nitrous oxide production; Denitrification (Shirey, J.J. (62) 59)

Nitrification
Methanotroph; Ammonium oxidation; Hydroxylamine; Nitrite (Megraw, S.R. (62) 359)

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Nitrogen cycling in minesoils
Nitrous oxide production; Nitrate-reducing bacteria; Denitrification (Shirey, J.J. (62) 59)

Nitrous oxide
Compensation point; Chemodenitrification; Aerobic; Anaerobic; Acidic soil (Remde, A. (62) 221)

Nitrous oxide production
Nitrogen cycling in minesoils; Nitrate-reducing bacteria; Denitrification (Shirey, J.J. (62) 59)

N_2O production
Rate of denitrification; Acetylene blockage technique; Soils, alder and ash; Field method (Struwe, S. (62) 71)

Oligotrophy
Replica plating; Antarctic bacteria (Upton, A.C. (62) 1)

Oscillatoria rubescens
Cyanobacteria; Amino acid incorporation; Microautoradiography (Bourdier, G. (62) 185)

Oxalate degradation
Oxalic acid; Ruminant adaptation; Ruminal bacteria; *Oxalobacter formigenes* (Daniel, S.L. (62) 329)

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Ruminant adaptation; Oxalate degradation; Ruminal bacteria; *Oxalobacter formigenes* (Daniel, S.L. (62) 329)

Oxalobacter formigenes
Oxalic acid; Ruminant adaptation; Oxalate degradation; Ruminal bacteria (Daniel, S.L. (62) 329)

Oxygen consumption
Mixed culture; Coexistence; *Actinomyces viscosus; Streptococcus mutans*; Mathematical model (Van der Hoeven, H.S. (62) 275)

Oxygen microelectrode
Photorespiration; Primary production; Adhesion; Light intensity (Jensen, J. (62) 29)

Phormidium autumnale
Wastewater; Sand filtration; Flooding regime (Katznelson, R. (62) 231)

Photorespiration
Primary production; Adhesion; Light intensity; Oxygen microelectrode (Jensen, J. (62) 29)

Phototrophic bacteria
Microscale distribution; Pigment; Transmissometry; Fluorescence, in situ; Spectroradiometry; High-performance liquid chromatography (Steenbergen, C.L.M. (62) 209)

Physiological disorder
Nematophagous fungi; Egg parasites; *Verticillium*; Chitinase; Protease; Cryosection (Dackman, C. (62) 201)

Pigment
Microscale distribution; Phototrophic bacteria; Transmissometry; Fluorescence, in situ; Spectroradiometry; High-performance liquid chromatography (Steenbergen, C.L.M. (62) 209)

Plasmid
Mercury resistance; *Pseudomonas stutzeri* (Barbieri, P. (62) 375)

Polar lipids
Biomarkers; Fatty acids; Methane-utilizing bacteria; Propane-utilizing bacteria (Ringelberg, D.B. (62) 39)

Primary production
Photorespiration; Adhesion; Light intensity; Oxygen microelectrode (Jensen, J. (62) 29)

Profiles of oxygen and inorganic sulfur compounds
Purple beaches; *Thiocapsa roseopersicina*; Purple sulfur bacteria (Van Gemerden, H. (62) 87)

Propane-utilizing bacteria
Biomarkers; Polar lipids; Fatty acids; Methane-utilizing bacteria (Ringelberg, D.B. (62) 39)

Protease
Nematophagous fungi; Egg parasites; *Verticillium*; Chitinase; Physiological disorder; Cryosection (Dackman, C. (62) 201)

Protein synthesis
Salt adaptation; Bacterial growth; *Deleya. halophila* (Economou, A. (62) 103)

Protozoa
Mortality; *Carchesium*; *Epistylis*; *Chaetogaster*; *Eosphora* (Kusuoka, Y. (62) 7)

Pseudomonas
Methanotroph; *Methylobacillus*; Methanol; Hydroxylamine; Nitrite; Nitrate (Megraw, S.R. (62) 367)

Pseudomonas stutzeri
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Microcolonies; Aggregate formation; Recolonization (Van Gemerden, H. (62) 111)

Rate of denitrification
Acetylene blockage technique; Soils, alder and ash; N_2O production; Field method (Struwe, S. (62) 71)

Recolonization
Purple sulfur bacteria; Microcolonies; Aggregate formation (Van Gemerden, H. (62) 111)

Redox stimulation
Anaerobic polymer degradation; Chitin; Thioredoxin (Pel, R. (62) 349)

Replacement interactions
Xylaria hypoxylon; Ascomycotina; Basidiomycotina (Boddy, L. (62) 173)

Replica plating
Oligotrophy; Antarctic bacteria (Upton, A.C. (62) 1)

Resistance plasmid
Heavy metal resistance; Cobalt; Nickel resistance (Schmidt, T. (62) 315)

Rhodobacter
Chromatium; Thiocystis; Thiocapsa; Inclusions; Light intensity; Growth medium (Gaju, N. (62) 295)

Rice
H_2 concentration; H_2 turnover; Interspecies H_2 transfer; Homoacetogenic bacteria; Fermenting bacteria (Conrad, R. (62) 265)

Riverine bacteria
Bacterial survival; Conjugation; Fixed film microcosm; Mercury resistance (Rochelle, P.A. (62) 127)

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Ruminal bacteria
Oxalic acid; Ruminant adaptation; Oxalate degradation; *Oxalobacter formigenes* (Daniel, S.L. (62) 329)

Ruminant adaptation
Oxalic acid; Oxalate degradation; Ruminal bacteria; *Oxalobacter formigenes* (Daniel, S.L. (62) 329)

Salinity
Methane; Sulfate; Methanogenic substrate; Methane oxidation; Microbial mats (Giani, D. (62) 143)

Salt adaptation
Bacterial growth; Protein synthesis; *Deleya halophila* (Economou, A. (62) 103)

Salt requiring methanogens
Isolation; Characterization; Activity (Kadam, P.C. (62) 343)

Sand filtration
Wastewater; Flooding regime; *Phormidium autumnale* (Katznelson, R. (62) 231)

Sediment composition
Microbial communities; Ionic composition; Gypsum precipitation; Influence of light; *Chloroflexus* (Giani, D. (62) 151)

Shake agar technique
Denitrifying; Colourless sulphur-oxidising bacteria; Marine estuarine environment (Bharathi, P.A.L. (62) 335)

Soil microbial biomass
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Soils, alder and ash
Rate of denitrification; Acetylene blockage technique; N_2O production; Field method (Struwe, S. (62) 71)

Spectroradiometry
Microscale distribution; Phototrophic bacteria; Pigment; Transmissometry; Fluorescence, in situ; High-performance liquid chromatography (Steenbergen, C.L.M. (62) 209)

Starvation
Tetrazolium salts; Sulfate-reducing bacteria; Electron transport system activity; *Desulfovibrio desulfuricans*; *Desulfotomaculum orientis* (Fukui, M. (62) 13)

Streptococcus mutans
Mixed culture; Coexistence; *Actinomyces viscosus*; Oxygen consumption; Mathematical model (Van der Hoeven, H.S. (62) 275)

Sulfate
Methane; Salinity; Methanogenic substrate; Methane oxidation; Microbial mats (Giani, D. (62) 143)

Sulfate-reducing bacteria
Tetrazolium salts; Starvation; Electron transport system activity; *Desulfovibrio desulfuricans*; *Desulfotomaculum orientis* (Fukui, M. (62) 13)

Sulphate-reducing bacteria
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Tannins
Cellulose decomposition; Fungal community; Litter (Savoie, J.-M. (62) 307)

Tetrazolium salts
Sulfate-reducing bacteria; Starvation; Electron transport system activity; *Desulfovibrio desulfuricans*; *Desulfotomaculum orientis* (Fukui, M. (62) 13)

Thermophile
Methanobacterium; Methanogenic bacteria; Mushroom compost (Derikx, P.J.L. (62) 251)

Thiocapsa
Chromatium; Rhodobacter; Thiocystis; Inclusions; Light intensity; Growth medium (Gaju, N. (62) 295)

Thiocapsa roseopersicina
Purple beaches; Purple sulfur bacteria; Profiles of oxygen and inorganic sulfur compounds (Van Gemerden, H. (62) 87)

Thiocystis
Chromatium; Rhodobacter; Thiocapsa; Inclusions; Light intensity; Growth medium (Gaju, N. (62) 295)

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Chitin; Mixed cultures; Cross-feeding; Folic acid; Endproduct inhibition (Pel, R. (62) 191)

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Microscale distribution; Phototrophic bacteria; Pigment; Fluorescence, in situ; Spectroradiometry; High-performance liquid chromatography (Steenbergen, C.L.M. (62) 209)

Trifolium repens
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